



MAGTF Fires

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Purpose

MSTP

- Through a discussion oriented class, gain an understanding of:
 - MEF Fires
 - The art & science of targeting
 - Force Fires Coordination Center (FFCC)
 - Targeting Processes
 - Planning for fires
 - Executing fires
 - Targeting Boards
 - The FSCL(**and the BCL**)

Conceptual

Functional

Bedrock

FSCL

BCL

Fires Lessons Learned



MSTP

- No connection between the OPT (Operational Planning Team) and Fires
- Stovepiped Planning
- No focus: sorties mile wide, inch deep
- Disconnect among IM, Collection Plan, Assessment, and Fires Section in CurOps

References



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- Joint Pub 1-02
- The “Hymnals” (MCDPs 1, 5 & 6)
- MSTP Pamphlet, C2 Support for Force Fires
- Joint Pub 3-60, Targeting
- MCWP 3-16, Fire Support Coordination in the GCE



What Is MEF Fires?

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- MEF
 - Largest of our MAGTF's
 - Responsible for the P&E of corps level ops
- Fires
 - The effects of lethal or nonlethal weapons (JP 1-02)
 - A violent expression of the commander's intent
 - One of our 6 WFs
- MEF Fires = The P&E of a WF on a large scale
 - ICW the other WFs



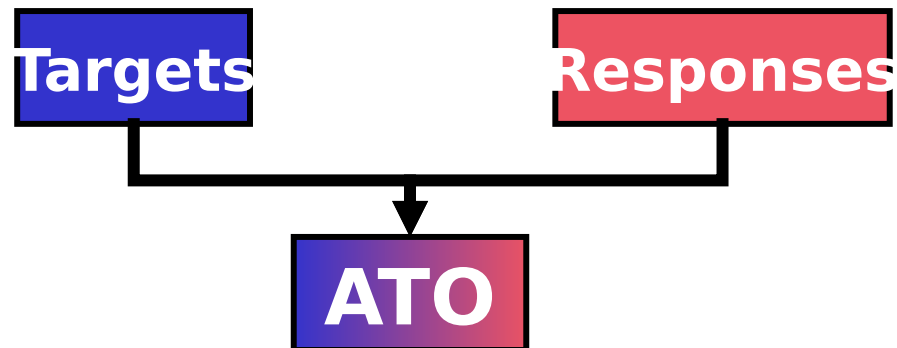
Targeting

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- The process of selecting and prioritizing targets and matching the appropriate response to them, taking account of operational requirements and capabilities

Joint Pub 1-02

- The “science” of targeting ($x + y = z$)





Targeting Definition #2

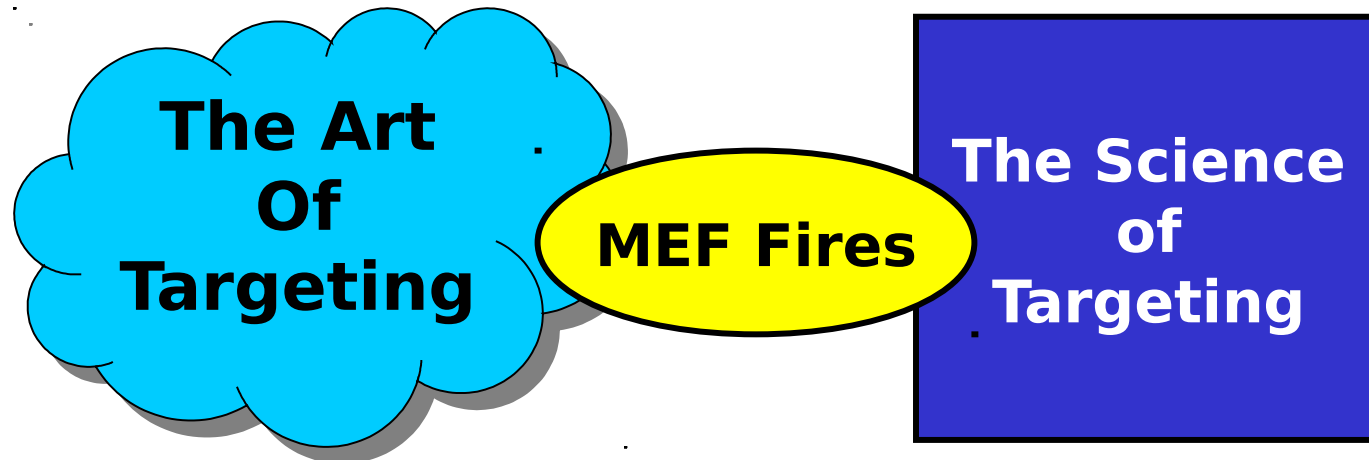
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- The analysis of enemy situations relative to the commander's mission, objectives, and capabilities at the commander's disposal, to identify and nominate specific vulnerabilities that, if exploited, will accomplish the commander's purpose through delaying, disrupting, disabling, or destroying enemy forces or resources critical to the enemy
- The “art” of targeting

MEF Fires



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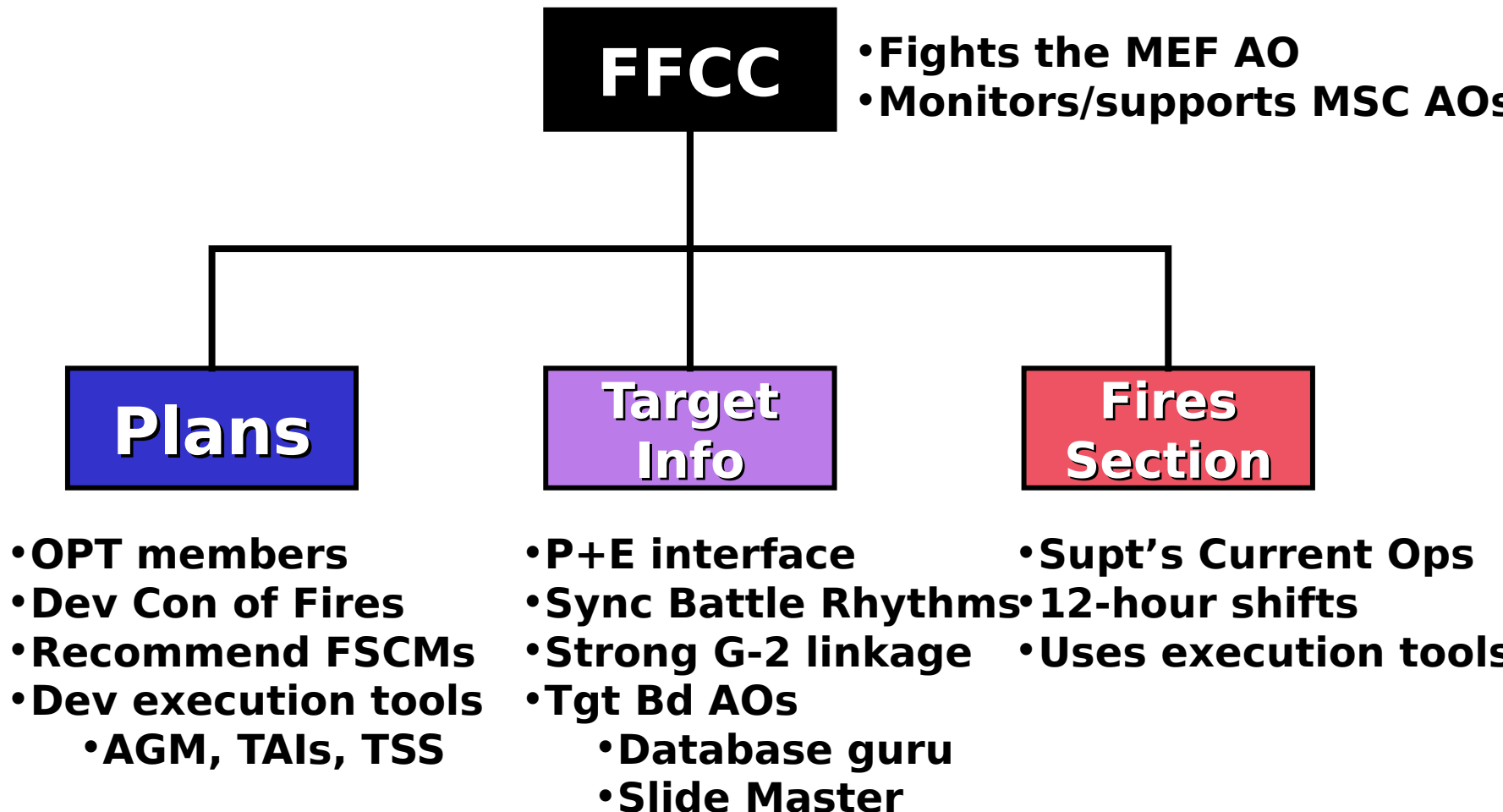


Conceptual Functional Detailed

Force Fires Coordination Center



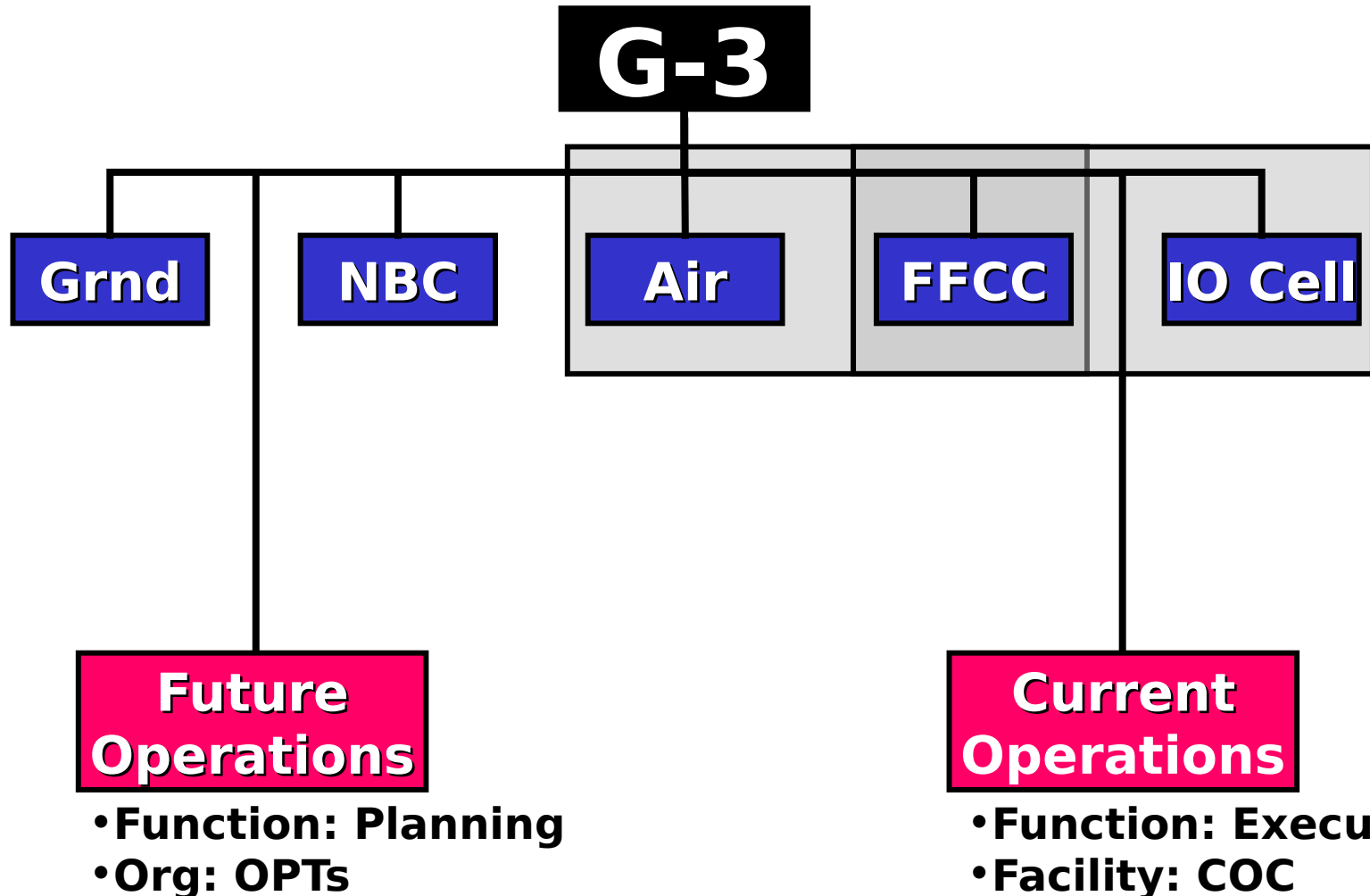
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The Bigger Picture

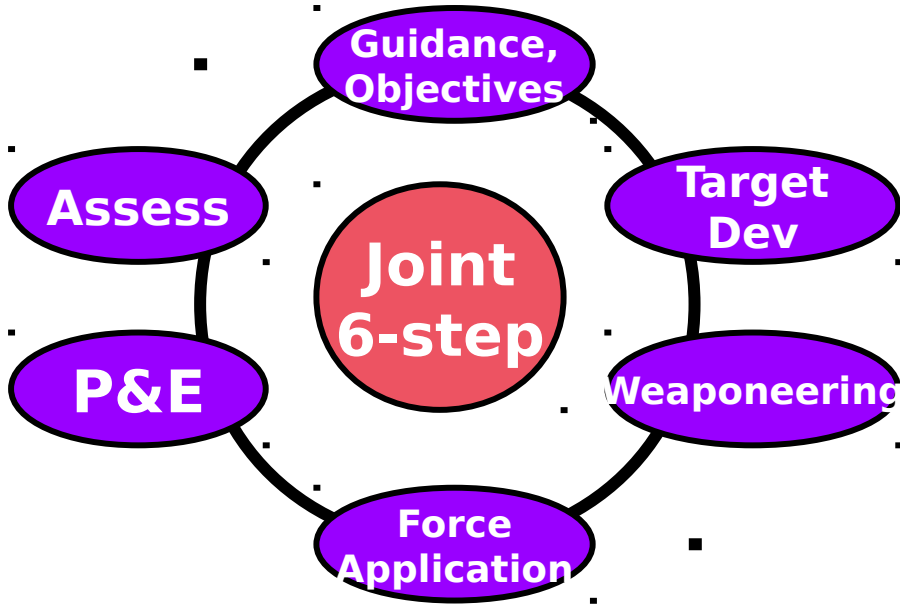
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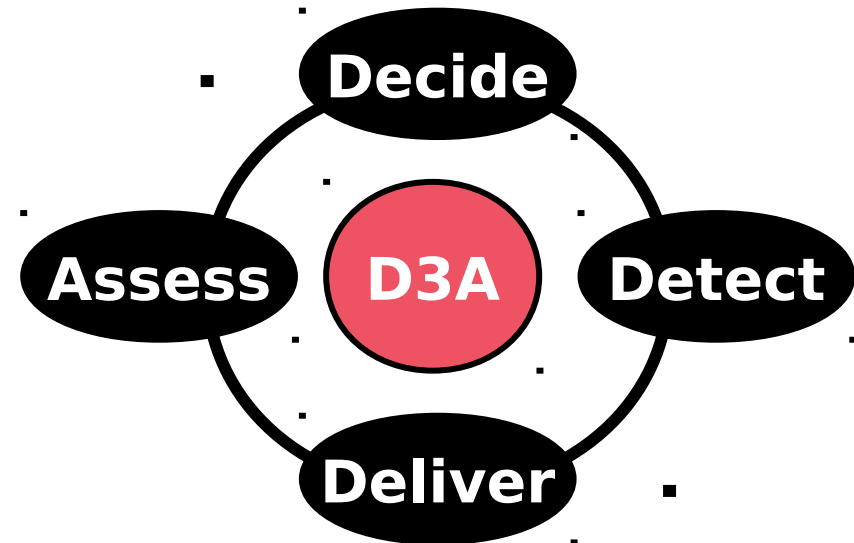
Targeting Processes



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- USAF ATO Model
- JTF Targeting Model



- USMC & USA model

Fires Battlespace



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- Enemy
 - Friendly
 - Neutrals
 - Environment
-
- All aspects: mental, moral & physical
 - All levels: strategic, operational, tactical



Fires Battlespace

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- Enemy
 - Units, Task Organizations, Capabilities
 - Culture, Training, Tendencies, Intentions
- Friendly
 - Same as above



Fires Battlespace

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- Neutrals
 - Civilians, NGOs, PVOs, refugees, DCs
 - Law Enforcement, Medical
- Environment
 - Terrain
 - Weather
 - Infrastructure
 - Religious/cultural sites
 - Financial
 - Natural resources (oil, timber, energy, harbors)
 - Transportation

Planning For Fires



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- If nothing else, targeting is a “continual search for relevancy”
- So how do we ensure our fires are relevant?

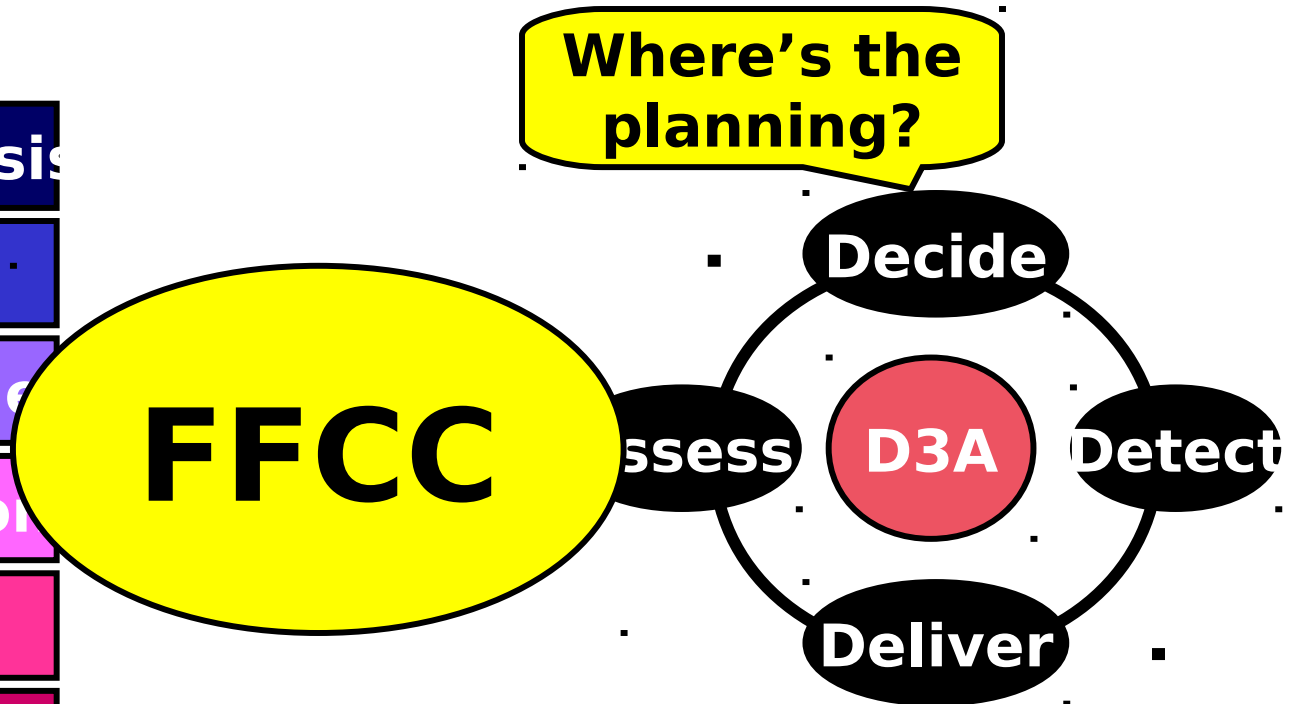


Planning For Fires

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Event Driven

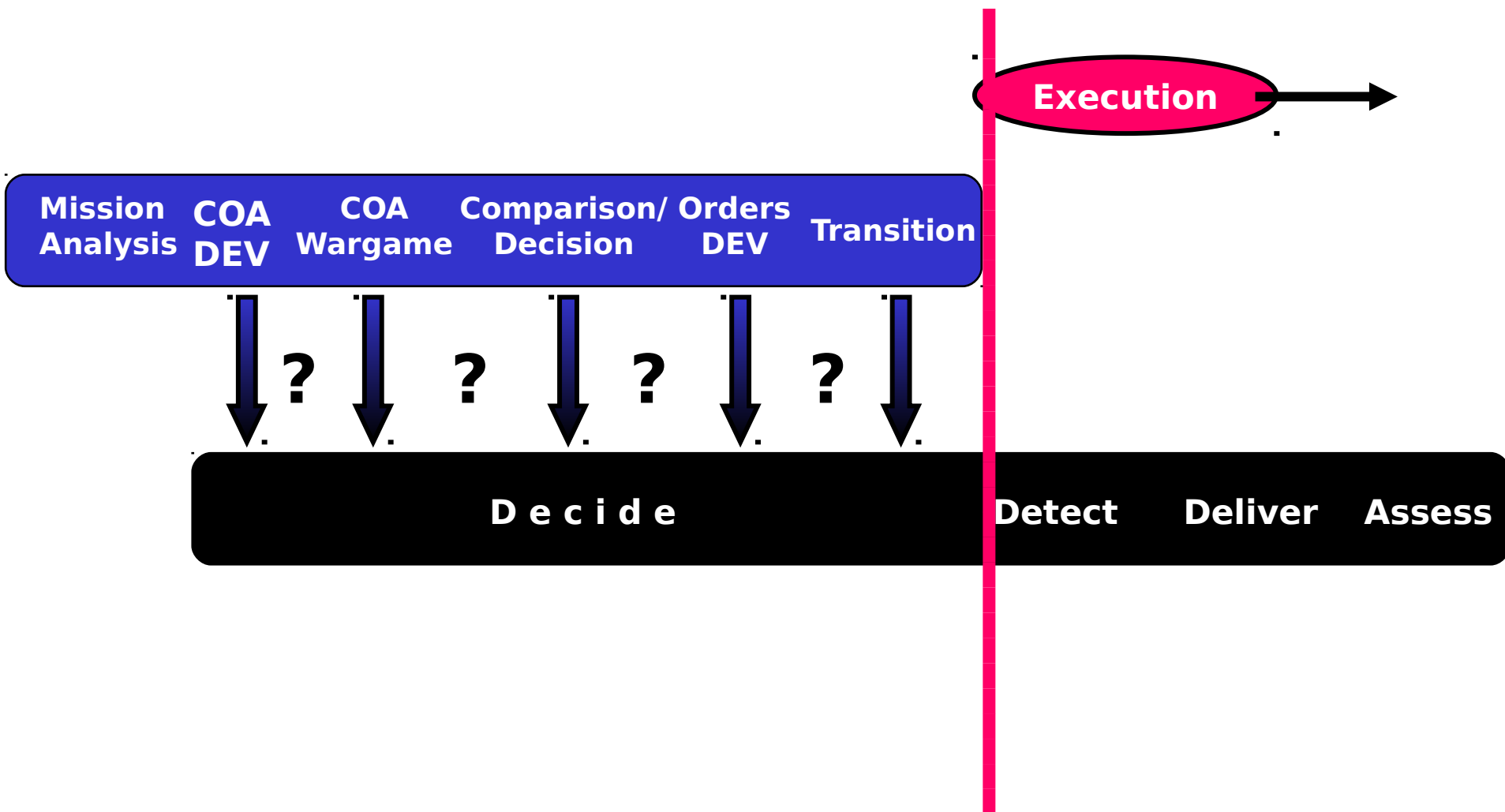


Time Dominant

MCPP v. D3A



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Mission Analysis

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- A time for learning...

- About the enemy

- How does he fight?
 - What scares me most?
 - Weaknesses

- About ourselves

- H&A taskings (specified and implied)
 - Existing or planned boundaries & FSCMs
 - Assets (Augmentation?)
 - Strengths & weaknesses

Mission Analysis

COA DEV

COA Wargame

Comp/Decision

Orders Dev

Transition



COA Development

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- Converting the commander's guidance into a practical plan that leads to achieving a decision
- Plan the employment of fires to:
 - Render enemy strengths vulnerable to attack to set conditions for decisive actions (shaping)
 - Exploit enemy CVs to disrupt or defeat COGs
 - Integrate with maneuver (combined arms)
 - Support the main effort
 - **Gain Advantages...Be Decisive!**
- Draft the Concept of Fires for each COA
 - LtGen Zinni @ UFL : "I want to strip away the enemy's indirect fire, log, and C2 so the GCE can defeat what's left in the close fight."

Mission Analysis

COA DEV

COA Wargame

Comp/Decision

Orders Dev

Transition

COA War Game



MSTP

- Most productive planning event for fires
- Ensures relevancy of targets (HVTs into HPTs)
- Develop priority, timing, sequence & effects
- Spaghetti-test Concept of Fires
- Determine resource shortfalls
- Populate DST w/ NAIs and TAIs
- Develop counterfire plan





Comparison/Decision

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- With a selected COA, detailed fires planning accelerates
- Fires planners
 - Support emerging branches/sequels
- Target Info Section (TIS)
 - Align MEF timelines w/ HHQ battle rhythms
 - Schedule MEF Targeting Board
 - G-2 refines Collection Plan





Orders Development

MSTP

- Fires Planners

- Write concept of fires, fires appendix & fires related taskers in para 3 of the order
- Taskers need to be understandable & achievable
 - If observable, they will be “assessment friendly”
- Orders Crosswalk

- TIS

- Continue to prep for Target Boards
- Develop proposed prioritized target list
- Work w/ collections to schedule RSTA assets to detect, identify, and validate planned targets

Mission Analysis

COA DEV

COA Wargame

Comp/Decision

Orders Dev

Transition

Transition



MSTP

- **Planners**
 - Convey planning SA to CFS
 - Handover execution tools
 - DST, DSM, AGM, BSM
 - Participate in Target Boards
 - Brief USMC LNOs
- **TIS**
 - Host daily Targeting Working Group
 - “Rack-n-Stack tgt noms
 - Prepare slides and graphics for Tgt Board
 - Support Targeting Board



Transition



MSTP

- Current Fires Section (CFS)
 - Absorb transition brief
 - Set up Fires portion of COC
 - Establish comms w/ counterparts
 - MSCs, IOC/SARC, Assessment Cell, H&A, LnOs
 - Execution drills

Mission Analysis

COA DEV

COA Wargame

Comp/Decision

Orders Dev

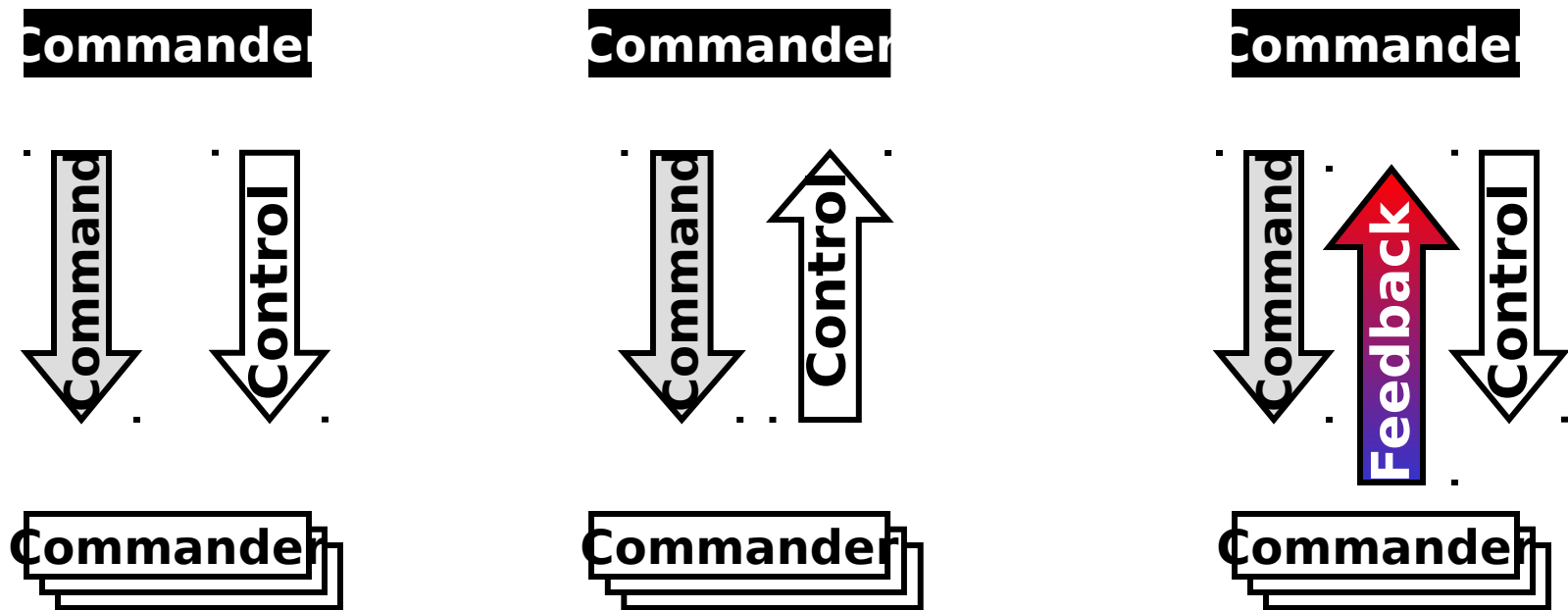
Transition

Fires Execution



MSTP

MCDP 6, Command & Control

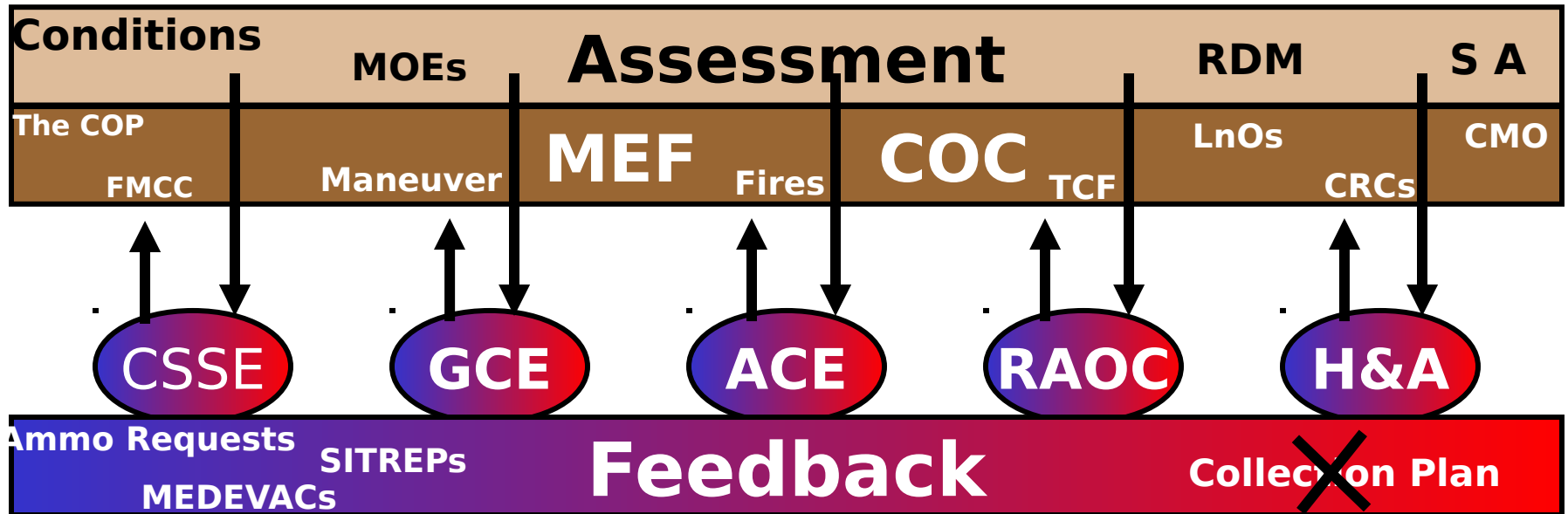


- Feedback indicates the difference between the plan & the current situation
- Feedback is the mechanism that allows commanders to adapt to changes

Fires Execution



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← **Execution** →



Summary



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- The MCPP-OPT connection to fires planning is the pathway to total enlightenment
- When planning for fires in a resource limited environment, focus & risk will carry the day
- Fires execution is a collaborative effort



Intermission?



Targeting Boards

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- Confirmation Brief
- Decision Brief
- Guidance Brief
- Coordination, synchronization, integration
- Product generation

MEF Board Membership



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- Chairman (DCG or CoS)
- FFC OIC
 - TIO
 - Fires Planners
- Current Ops
- Future Ops
- Intel
 - TIO, Collections
- G-3 Air
- Engineer
- NBC
- SJA
- IO Cell
- G-4
- MSC reps
- LNOs

Briefing Sequence & Duties



MSTP

- Current Ops
 - Update
- Intel
 - Enemy Sit, COAs
 - BDA, re-strikes?
- Future Ops/Plans
 - Basis for relevancy
- G-3 Air
 - Apportionment/Allocation
- Engineer
 - NAI, TAI coverage
- IO Cell
 - Brief Plan
 - Reconcile targets
- Tgt Info O
 - HPTL
 - Tgt noms, cut line
 - 24, 48 hr review
- Collections O
 - Sensor coverage
- FFC O
 - Summary, tgt linkages to intent, CONOPS
- MSC & Other Reps
 - Silence = consent
- Chairman
 - Decisions
 - Guidance for out days

Targeting Board Results



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- Apportionment & Allocation
- MEF Direct Support Targets
- Target noms for HHQ sourcing
- External target noms
- Restricted, limited, protected targets
- Recommended FSCMs
- Guidance for next targeting cycle(s)

Direct
Support
Plan



HHQ Targeting Board

MSTP

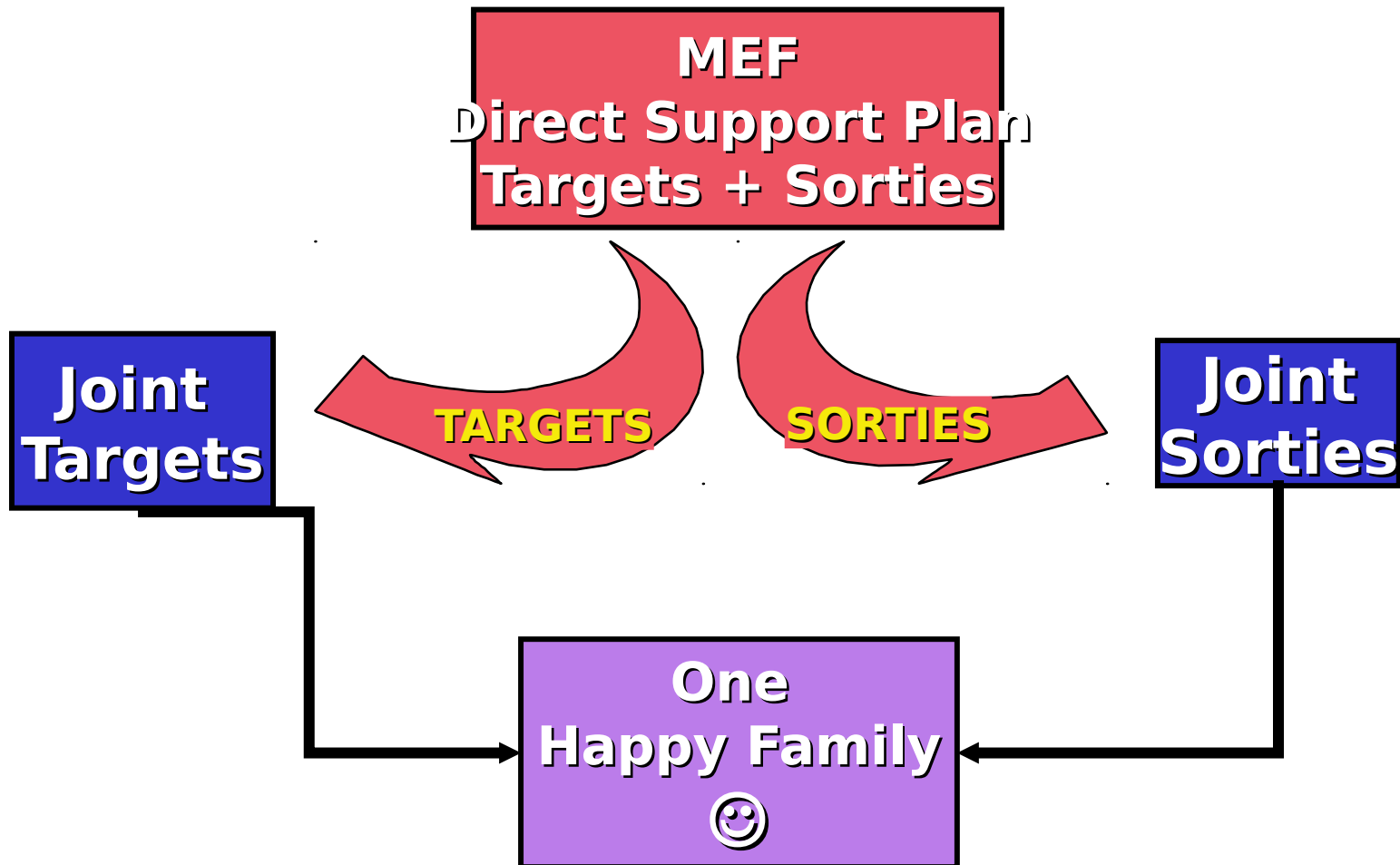
- Review component fires plans for:
 - Compliance w/ HHQ's guidance & intent
 - MARLO should be conversant
 - Possible redundancies
 - Conflicts with other components
- Rack & Stack component target noms
 - Based on JFC-wide priorities



HHQ Targeting Board

MSTP

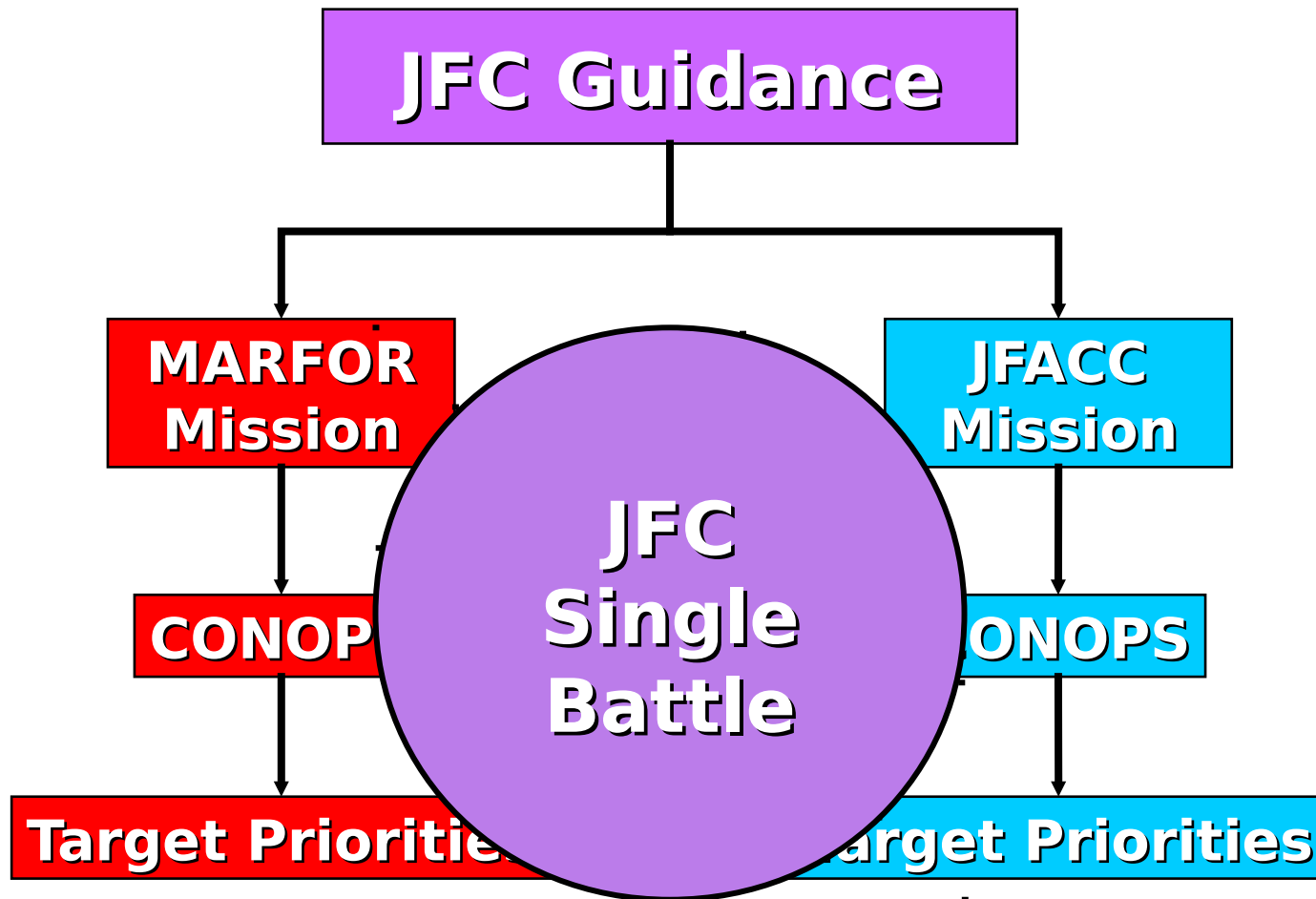
The “JFACC” Version





Targeting Hierarchy

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Target Board Lessons Learned



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- No Future Ops rep and/or brief
- Enemy COA briefs inconsistent
- No mechanism to work inside 72-hr plan
- Initial cut line lacks sanity check from weaponeers based on desired effects
- MSC reps missing, too junior, or lack quals
- Success = max coverage to keep MSCs happy
- Collections: no rep; no brief; or brief is one over the world
- ACE-sourced component liaison officer

The FSCL



MSTP

**“Hey guys, it’s just a line.”
Gen Luck, CINC-CFC
1800 VTC, UFL-94**

- Cultural/programmatic line-in-the-sand for USAF and USA
- USMC victims of this fight
- The current 1-02 definition is not a definition; rather it’s a compilation of each service’s viewpoint on the topic
 - Otherwise, no concurrence

The FSCL



MSTP

- FSCL:
 - Restrictive or permissive?
 - Do we need to coordinate beyond it?
 - Is coordination the same as needing approval?
 - Is it “as strong” as a boundary?

The FSCL



MSTP

- ...established & adjusted by appropriate land or amphib force commanders w/in their boundaries in consultation w/ superior, subordinate, supporting, and affected commanders
- FSCLs facilitate the expeditious attack of surface targets of opportunity beyond the coordinating measure
- An FSCL does not divide an area of operations by defining a boundary between close and deep operations or a zone for close air support

The FSCL, cont.



MSTP

- Forces attacking targets beyond the FSCL must inform all affected commanders in sufficient time to allow necessary reaction to avoid fratricide
- Supporting elements attacking targets beyond the FSCL must ensure that the attack will not produce adverse effects on, or to the rear of, the line
- Short of the FSCL, all air-to-ground and surface-to-surface attack operations are controlled by the appropriate land or amphib force commander

The FSCL, cont.



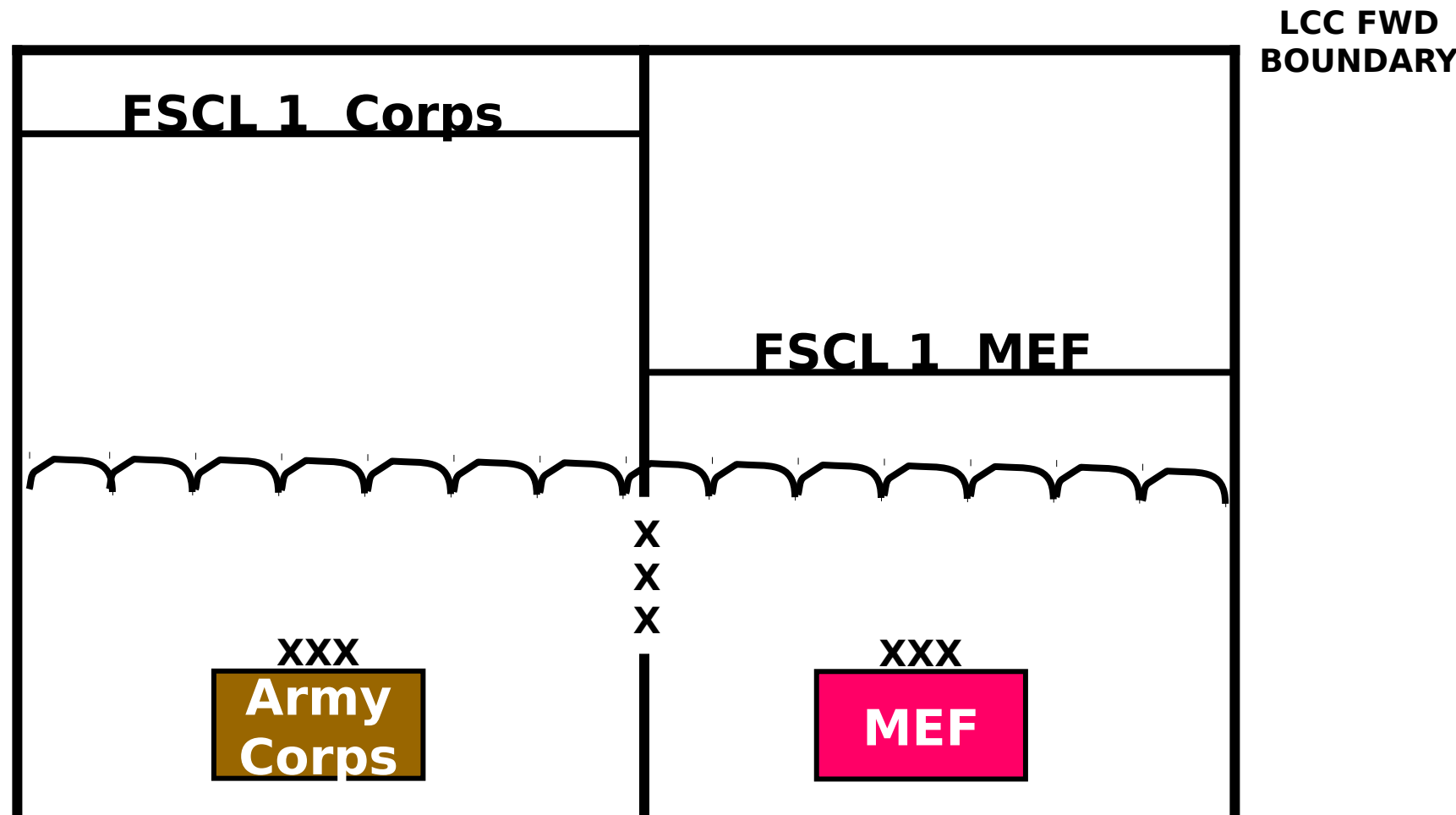
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- The FSCL should follow well defined features

Cultural Differences



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Establishing The FSCL

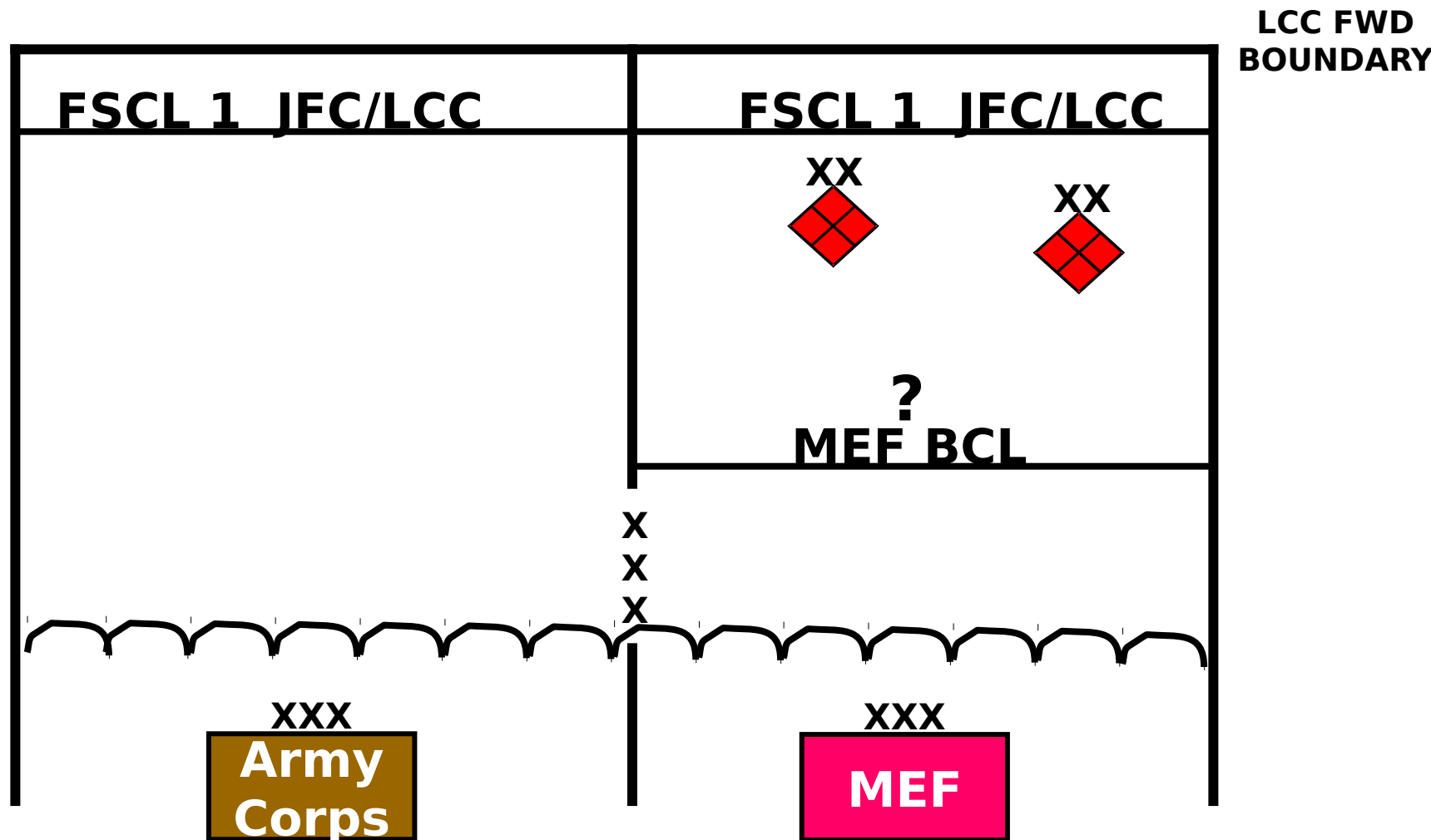
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- The GCE nominates
- The MEF approves
 - With ACE comment
- Driven by:
 - Location of friendly ground forces
 - Mission (offense or defense)
 - Type of offense
 - Terrain
 - Range of organic weapons

Typical Joint Placement Of The FSCL



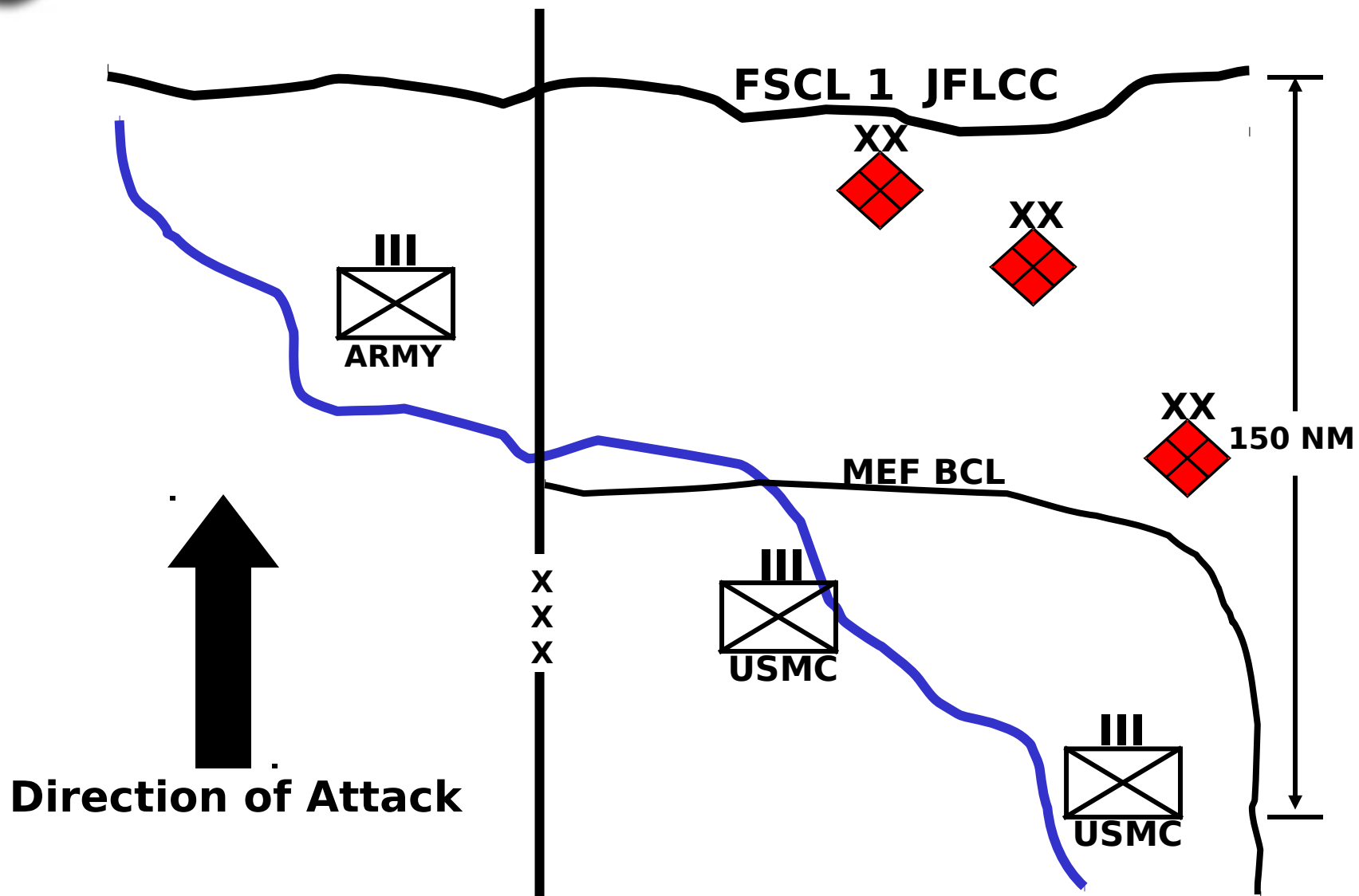
MSTP



Recent Real-World Example



MSTP





BCL Lessons Learned

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- No such thing as too many: 4a,4b.....4e
 - 2 hr timeline great allure
- Used as a maneuver control measure
- Lacking a GCE forward boundary, the BCL becomes the de facto boundary
 - Defining GCE vs. MEF responsibilities
 - Methodology for OIF
 - Used as a battle handover line for fires
 - But what about other WFs?



Effects Based Operations

MSTP

- JFCOM currently says: EBO is a process for obtaining a desired strategic outcome or “effect” on the enemy, through synergistic, multiplicative, and cumulative application of the full range of military and nonmilitary capabilities at the tactical, operational, and strategic levels.
- EBO Goal: link military ops with political outcomes



Effects Based Operations

MSTP

- Includes activities beyond, but inclusive of accurate targeting
- Considers direct, indirect & cascading effects
- Qualitative & quantitative assessments
 - How well & how much?
- Long pole in tent: analytic tools that quantify the abstract (will, fear, confusion, etc.)
- New way of warfighting or the codification of how good planners already do their job?



Questions or Comments?

Apportionment & Allocation



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- Apportionment: the determination and assignment of the total expected air effort by percentage and/or by priority that should be devoted to the various air operations and/or geographic areas for a given period of time
- Allocation: the translation of the air apportionment decision into total numbers of sorties by aircraft type available for each operation or task